

NAVIGATION AIDS



SAILING LINE WITH FLOW ARROW



GAGE STATION



GREEN LIGHTED FLASHING BUOY



RED LIGHTED FLASHING BUOY



GREEN BUOY



RED BUOY



GREEN DAYBEACON



RED DAYBEACON



MOORING/ GUIDE CELL



NAVIGATION LIGHT



4 1 1  
RIVERMILE MARKER



WRECK SUNKEN HAZARD



WRECK SUNKEN EXPOSED



RESTRICTED AREA ABOVE AND BELOW LOCK AND DAM



WARNING SIGN




BULLETIN BOARD  
Showing River Stage


BULLETIN BOARD

NOTICE:  
BUOY POSITIONS REPRESENTED ON THESE CHARTS ARE APPROXIMATE. POSITIONING OF BUOYS ARE SUBJECT TO CHANGE DEPENDING ON RIVER STAGES AND CHANNEL OBSTRUCTIONS.


TRANSPORTATION




PRIMARY ROAD




SECONDARY ROAD




LIGHT DUTY ROAD




UNIMPROVED ROAD




RAILROAD




COUNTY HIGHWAY



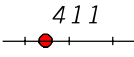
162  
INTERSTATE HIGHWAY



22  
STATE HIGHWAY




80  
FEDERAL HIGHWAY




4 1 1  
RAILROAD MILES


MANAGEMENT AREAS



REVETMENT



LEVEE SYMBOL



COUNTY LINE



DEPTH AREA

ISLAND

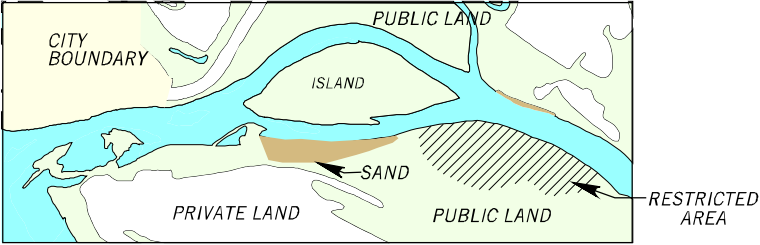
BRIDGE PIERS EXAGGERATED FOR CLARITY

SUBMERGED FEATURES


DIKES OR WINGDAMS

NOTE:  
AREA IN RIVER THAT GENERALLY MEETS PROJECT DEPTH DIMENSIONS (I.E., 9-FT OR GREATER) UNDER PREVAILING RIVER CONDITIONS. THIS AREA IS SUBJECT TO CHANGE AS A RESULT OF SCOUR OR DEPOSITION IN THE RIVER.


TYPICAL LAND COVER




NAVIGATION FACILITIES




FERRY CROSSING




GB  
GAMING BOAT




MARINA




PUBLIC ACCESS WITH NO FACILITIES



PUBLIC ACCESS WITH FACILITIES

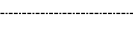


1  
BARGE FACILITY NUMBER




CORPS OF ENGINEERS DISTRICT OFFICE

UTILITIES



POWER LINE



UNDERGROUND LINE/ NO ANCHOR AREA

LEGEND  
(continued)

NOTES REGARDING AIDS TO NAVIGATION

The U.S. Coast Guard is responsible for placing and maintaining all aids to navigation. Buoys are set to mark project depths taking into consideration the prevailing river stages and obstructions. Buoy positions as shown on the charts are approximate, and subject to change depending on prevailing river stages and obstructions.

Buoys should always be given as wide a berth in passing as possible, consistent with the length and width of vessel or tow and the width of the bend or crossing.

Buoys should always be used with caution. They may be carried off position by high water, accumulation of drift, ice, or sunk by collision or other causes. When carried off position, destroyed, or removed to prevent loss, buoys are replaced at the earliest opportunity.

Lights and daymarks are also shown in approximate location.

NOTES

- Maps were prepared from latest data by Corps of Engineers offices and other Federal and State sources.
- Geodetic positions refer to North American Datum 83.
- Political boundaries are shown according to best available information.
- Locations of Navigation Lights, Channel Lines and Mississippi River Shore Lines are from latest available data, including aerial photographs.
- Mile Zero on the Upper Mississippi River starts at Cairo, Illinois at the mouth of the Ohio River.

LOCK AND DAM TELEPHONE NUMBERS

Lock No.	Telephone Number	Lock No.	Telephone Number
1	(612) 724-2971	15	(309) 794-5266
2	(612) 437-3150	16	(309) 537-3191
3	(651) 388-5794	17	(309) 587-8125
4	(608) 685-3840	18	(309) 873-2246
5A	(612) 689-2101	19	(319) 524-2631
5	(507) 452-2789	20	(573) 288-3320
6	(608) 534-7427	21	(217) 222-0918
7	(507) 895-2170	22	(573) 221-0294
8	(608) 689-2625	24	(573) 242-3524
9	(608) 874-4311	25	(314) 566-8120
10	(319) 252-1261	Mel Price	(618) 462-1713
11	(319) 582-1204	27	(618) 452-7107
12	(319) 872-3314		
13	(815) 589-3313		
14	(319) 332-0907		

LOCK AND DAM RADIO FREQUENCIES

	Transmit	Receive	Channel
Lock and Dam No. 1 - 24	156.700 MHz	156.700 MHz	14
Lock and Dam No. 25 - 27	156.600 MHz	156.600 MHz	12
Melvin Price Lock	156.700 MHz	156.700 MHz	14
U. S. Coast Guard	157.100 MHz	157.100 MHz	22A
Harbors	156.800 MHz	156.800 MHz	16

DGPS FREQUENCY

St. Paul District	317 KHz	Additional information may be obtained from the United States Coast Guard Home Page: <a href="http://www.navcen.uscg.mil">http://www.navcen.uscg.mil</a>
Rock Island District	311 KHz	
St. Louis District	322 KHz	

ADDITIONAL COPIES MAY BE PROCURED FROM:

- U.S. Army Engineer District, St. Louis, Corps of Engineers, 1222 Spruce Street, St. Louis, MO 63103-2833.
- U.S. Army Engineer District, Rock Island, Corps of Engineers, Clock Tower Building - P.O. Box 2004, Rock Island, IL 61204-2004
- U.S. Army Engineer District, St. Paul, Corps of Engineers, 190 Fifth Street East, St. Paul, MN. 55101-1638

PREPARED UNDER THE DIRECTION OF THE PRESIDENT, MISSISSIPPI RIVER COMMISSION  
CORPS OF ENGINEERS, U. S. ARMY